



**DEPARTMENT OF ARCHITECTURE ENGINEERING
ARCHITECTURE ENGINEERING PROGRAM, BSC.**

Course Syllabus

1. Course number and name

AR 106 Architectural Presentation Techniques

2. Credits and contact hours

(1+4) 3 credit hours, 5 contact hours

3. Course type

Face to Face education

4. Instructor's or course coordinator's name

Dr. Reem Albarakat (coordinator)

Arch. Ro'aa Zidan

5. Textbook information

Albert O.Halse "Architectural rendering" Publisher: McGraw- Hill Company, INC.NY. 2002

a. Other supplemental materials

Francis D.K. Ching, 2008, "Architectural Graphics" Publisher: Van Nostrand Reinhold Company.

Laseau Paul: Graphic Thinking for Architects and Designers, second edition, Van Nostrand Reinhold Company, New York 1989.

Mike W. Lin, 1998, Architectural Rendering Techniques: A Color Reference, John Wiley & Sons.

Thomas C. Wang, 2002, Pencil Sketching, New York: John Wiley & Sons, Inc.

Tom Porter and Sue Goodman "Design Drawing Techniques for architects, graphic designers, and artists" Publisher: Macmillan publishing company Great Britain 1996.

6. Specific course information

a. Catalog description

This course gives students an opportunity to develop their individual skills in the presentation and exhibition of architectural communication. The course is



**DEPARTMENT OF ARCHITECTURE ENGINEERING
ARCHITECTURE ENGINEERING PROGRAM, BSC.**

designed to acquaint the student with concepts of architectural expression through a series of specified practical assignments of a realistic nature.

b. Prerequisites or co-requisites

Prerequisite: AR 105

c. The course is:

Required in the Architecture program.

7. Specific goals for the course

a. Course outcomes:

After completion of the course, students are expected to be able to:

A. Knowledge and Understanding (student should):

- A1. Know the colour theory and pencil drawing very well.
- A2. Know the uses of different techniques such as pencil, ink, markers, watercolours, and mixed media for projects presentations.
- A3. Know the proper technique to represent different materials and finishing.
- A4. Learn how to draw:
 - 1. Wall textures
 - 2. Paving texture
 - 3. Roofing texture
 - 4. Human figures
 - 5. Furniture and fabric textures and accessories
 - 6. Landscape, trees and plants in plan and elevations
- A5. Be able to render the following:
 - 1. Site plan and landscape
 - 2. Architectural plans
 - 3. Architectural elevations
 - 4. Architectural sections
 - 5. Interior and exterior perspectives and axonometric drawings

B. Cognitive and Intellectual Skills:

- B1. Discussion of work
- B2. Master class
- B3. Experience of the Architectural Presentation

C. Subject specific skills:

- C1. Review freehand drawings and sketching techniques.



**DEPARTMENT OF ARCHITECTURE ENGINEERING
ARCHITECTURE ENGINEERING PROGRAM, BSC.**

- C2. Represent 2D and 3D drawings using different techniques and tools such as pencil, ink, markers, watercolours, and mixed media.

D. Transferable Skills:

- D1. Review colour theory and use it for the project's presentations.

8. Learning Outcomes and their Alignment with Program Educational Objective (PEO's), Methods of Delivery, and Assessment Methods:

Learning Outcomes	Program PEOs	Method of Delivery	Assessment Method
Course Outcomes			
A4. Learn how to draw: wall textures, paving texture, roofing texture, human figures, furniture and fabric textures and accessories, landscape, trees and plants in plan and elevations	1.4.1	Lectures (Example and Problems)	Assignments
A5. Be able to render the following: site plan and landscape, architectural plans, architectural elevations, architectural sections, interior and exterior perspectives and axonometric drawings.	1.4.1	Asynchronous active learning	Assignments and projects
Student Outcomes			
B1. Discussion of work	1.4.3	Lectures	Verbal discussions
D1. Review colour theory and use it for the project's presentations	1.4.3	Lectures	Verbal discussions



FET

كلية الهندسة والتكنولوجيا
FACULTY OF ENGINEERING & TECHNOLOGY



Engineering
Accreditation
Commission

DEPARTMENT OF ARCHITECTURE ENGINEERING ARCHITECTURE ENGINEERING PROGRAM, BSC.

9. Weekly Teaching Plan

Week	Lecture	Topic	Method of Delivery
1	Lec_1	Course Introduction	Lecture
	Lec_2	Pencil Technique – textures of different surfaces	Lecture
2	Lec_3	Pencil Technique – textures of different surfaces	Lecture
	Lec_4	Pencil Technique – light and shaded surfaces	Lecture
3	Lec_5	Pencil Technique – transparency and reflections	Lecture
	Lec_6	Pencil Technique – transparency and reflections	Lecture
4	Lec_7	Ink Technique – textures	Lecture
	Lec_8	Ink Technique – textures	Lecture
5	Lec_9	Ink Technique – light and shaded surfaces	Lecture
	Lec_10	Ink Technique – transparency and reflections	Lecture
6	Lec_11	Project 1 – Pencils and Ink Technique	Lecture
	Lec_12	Colour Pencil Technique – conceptualising the technique: what does the use of the colour mean (1)? [Rendering with one colour]	Lecture
7	Lec_13	Colour Pencil Technique – conceptualising the technique: what does the use of the colour mean (2)? [Colour theory]	Lecture
	Lec_14	Colour Pencil Technique – adding colour to ink textures	Lecture
8	Lec_15	Colour Pencil Technique – presenting the plans, sections, and elevations of architectural project	Lecture
	Lec_16	Marker Technique – rendering exterior perspectives [figure-ground relationship]	Lecture
9	Lec_17	Marker Technique – rendering exterior perspectives [transparency and reflections]	Lecture
	Lec_18	Marker Technique – rendering exterior perspectives [transparency and reflections]	Lecture
10	Lec_19	Marker Technique – rendering landscape in plans and elevations	Lecture
	Lec_20	Project 2 – presenting the plans, sections, and elevations of architectural project	Lecture
11	Lec_21	Watercolour Technique – rendering exterior perspectives	Lecture
	Lec_22	Watercolour Technique – rendering landscape in plans and elevations	Lecture



**DEPARTMENT OF ARCHITECTURE ENGINEERING
ARCHITECTURE ENGINEERING PROGRAM, BSC.**

12	Lec_23	Watercolour Technique – presenting the plans, sections, and elevations of architectural project	Lecture
	Lec_24	Mixed Media – pencils vs ink	Lecture
13	Lec_25	Mixed Media – ink and pencil colour	Lecture
	Lec_26	Mixed Media – ink and markers	Lecture
14	Lec_27	Mixed Media – ink and watercolour	Lecture
	Lec_28	Mixed Media – rendering urban scene	Lecture
15	Lec_29	Final Project / Examination	Lecture

10. Grade Distribution:

Assessment	Grade	Week No.
- First Project / Examination	15%	5 th Week
- Second Project / Examination	15%	10 th Week
- Assignments	30%	1-16 th Week
- Final Project / Examination	40%	16 th Week

Note: Make-up exams will be offered for valid reasons. It may be different from regular exams in content and format.